

Distinguished Teachers Honored

The University is pleased to announce the recipients of the Distinguished Teacher of the Year Awards for 2014. Assoc. Prof. Selim Aksoy, Asst. Prof. Berrak Burçak, Prof. Hitay Özbay and Asst. Prof. Emrah Özensoy were chosen for demonstrating outstanding teaching abilities and for contributing to students' academic and intellectual development. Bilkent News asked this year's Distinguished Teachers for their thoughts on receiving this award.

Assoc. Prof. Selim Aksoy, Department of Computer Engineering

I am deeply honored to receive this award. I believe that a good teacher should her/himself be a good learner, and lead students by example by asking a lot of questions and by learning from the literature, from past experiences and from colleagues. It has been a fun and rewarding experience to continue learning and teaching in the rapidly advancing field of computer science. With realization of the continuous evolution of our students' interests and expectations in the age of the Internet and smart devices, I have been trying to help them develop as good learners capable of capturing the big picture while also having precise knowledge about details. Thus, I have been trying to focus on how I can make them more curious, so that they can be persistent in their thinking concerning a problem, explore and be critical about alternative solutions, produce innovative ideas and learn more during this entire process. Bilkent University has been a great place for working toward these goals alongside lots of stimulating students and colleagues who both produce new knowledge and work hard to learn more. I would like to thank my past and current students for being part of this exciting experience. Special thanks go to those who provided letters supporting my candidacy for this award. I also would like to thank my colleagues and, in particular, the departmental teaching award committee for nominating me and putting the nomination package together. Last but not least, I thank my family for their love and support.



Asst. Prof. Berrak Burçak, Department of Political Science and Public Administration

I am extremely honored to receive a 2014 Bilkent Distinguished Teacher Award and would like to thank everyone who made this possible. It is always a great privilege to be a part of the Bilkent community, whether as a student as I was many years ago or now as a teacher. It is always a great pleasure and a privilege to be part of the Bilkent community, which I believe has played an important role in shaping who I am today.

I have been blessed with excellent mentors, such as Prof. Halil İnalcık, Prof. Norman Itzkowitz and Prof. Özer Ergenç, whose approaches to teaching and learning have shaped my own notion of what constitutes good teaching. I believe that teaching is an evolving and an interactive process, which might be compared to a journey involving two parties, the students and the teacher. I believe that my role as a teacher lies in guiding the students throughout this journey and rendering the learning process rewarding not only in terms of its immediate results for both parties, but also as a lasting model for lifelong learning. Each teaching exercise presents a wonderful opportunity to introduce students to a new attitude toward history, a different method of learning and a rewarding learning experience. Each teaching exercise also presents a unique experience to draw on in order to re/shape my future teaching, because teaching changes and transforms continuously depending on the needs and abilities of the students. I believe that it is this changing nature of teaching as well as the lasting impact of learning that makes teaching a new, exciting and different journey each and every time!



Prof. Hitay Özbay, Department of Electrical and Electronics Engineering

I am very happy and honored to receive a 2014 Distinguished Teaching Award. On this special occasion, I would like to express my gratitude to everybody who contributed to my being given this prestigious recognition, namely my students, TAs, faculty colleagues and past teachers.

I have been very fortunate to have had excellent teachers throughout my university education; many of them have been role models for me. In the early stages of my academic career, senior faculty colleagues, as mentors, gave me guidance that helped me define my own way of teaching. The courses I teach most often tend to be on the theoretical side of engineering. Therefore, it is very challenging to keep students interested in these courses. Since the time I joined the Bilkent University faculty more than a decade ago, the EEE department and the TAs assigned to my courses have been very supportive of my initiatives to incorporate the most recent technological advances/tools into these courses in order to motivate the students. Now, through this award, I am very pleased to see that students have been appreciative of this approach. Of course at Bilkent, I have been very lucky to interact with the best students in the country, if not the world; their curiosity and thirst for greater knowledge have been the driving force behind very productive student-teacher interactions both inside and outside the classroom. I have no doubt that future generations of students will keep pushing us further, so we have to be ready for new challenges.



Asst. Prof. Emrah Özensoy, Department of Chemistry

I am truly grateful and humbled simply for being considered for this award, let alone receiving it. Frankly, I did not see this coming when I was an undergraduate student in the Bilkent Chemistry Department some 15 years ago. This is mostly because of the fact that before I started my academic career, I subscribed to the commonly held and rather vague point of view that research-oriented academicians might have restricted resources, and possibly even less motivation, for teaching. Well, suffice it to say that it did not take too long for me to change my mind, as teaching grew virally in me, eventually constituting a significant portion of my professional endeavors at Bilkent. I guess the personal origins of learning lie in the “motivation to learn,” which goes hand in hand with “appreciation of the instructor by the student,” as well as with making learning somewhat fun, or at least, if possible, not so boring. Over the years, I came to understand that one of the easiest ways to capture student appreciation was to invest the necessary time and effort in academic as well as emotional/social interactions with students by valuing them and treating them with the utmost respect and sincerity, which they deserve. This was actually not so difficult to pursue, as this was the exact “student-centered teaching” approach that had been established and successfully carried out by my excellent former instructors in the Bilkent Chemistry Department, who later turned out to be my beloved colleagues. Thus, I am utterly thankful to all of my excellent current/former students, instructors and colleagues, who have made teaching an absolutely rewarding and an intellectually stimulating learning experience.

Graduation Ceremony Schedule



This year's graduates will receive their diplomas at three ceremonies to be held on the same day. Graduating students should be sure to arrive at the commencement site at least an hour before the ceremony for their faculty or school begins.

Morning Ceremony:

Saturday, June 14, 10:30 a.m.

Rehearsal: Thursday, June 12, 11:30 a.m.
Faculty of Art, Design and Architecture,
Faculty of Business Administration,
Faculty of Humanities and Letters,
Faculty of Music and Performing Arts,
Faculty of Science

Midday Ceremony:

Saturday, June 14, 2:30 p.m.

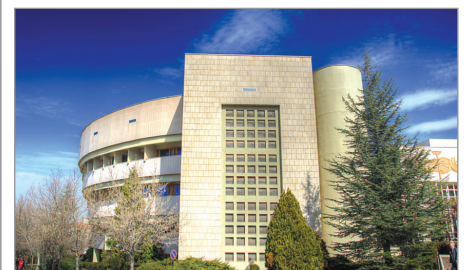
Rehearsal: Thursday, June 12, 1:30 p.m.
Faculty of Economics, Administrative
and Social Sciences, School of Applied
Languages, School of Applied
Technology and Management, Vocational
School of Computer Technology and
Office Management, Vocational School of
Tourism and Hotel Services

Evening Ceremony:

Saturday, June 14, 6:30 p.m.

Rehearsal: Thursday, June 12, 3:30 p.m.
Faculty of Education, Faculty of
Engineering, Faculty of Law

Library Extends Opening Hours During Finals



In order to help students prepare for final exams, during the period **May 14-28** the Main Campus Library will remain open from **8:30 a.m.** until **3 a.m.** These extended opening hours will apply only to the reading rooms in A Block.

NEWS

Faculty Promotions January - April 2014



Lale Demirtürk, Associate Professor in the Department of American Literature, Faculty of Humanities and Letters, was

promoted to the rank of Professor, effective April 25, 2014.

Aurelian Gheondea, Associate Professor in the Department of Mathematics, Faculty of Science, was promoted to the rank of Professor, effective April 25, 2014.



Mehmet Bayındır, Associate Professor in the Department of Physics, Faculty of Science, was promoted to the rank of Professor, effective March 21, 2014.

İhsan Gürsel, Associate Professor in the Department of Molecular Biology and Genetics, Faculty of Science, was promoted to the rank of Professor, effective March 21, 2014.



Hande Yaman Paternotte, Associate Professor in the Department of Industrial Engineering, Faculty of Engineering, was promoted to the rank of Professor, effective March 21, 2014.

Mustafa Özgür Güler, Assistant Professor at UNAM, was promoted to the rank of Associate Professor, effective March 21, 2014.



Tamer Uyar, Assistant Professor at UNAM, was promoted to the rank of Associate Professor, effective March 21, 2014.

Ebru Solakoğlu, Assistant Professor in the Department of Banking and Finance, School of Applied Languages, was promoted to the rank of Associate Professor, effective March 6, 2014.



Uğur Güdükbay, Associate Professor in the Department of Computer Engineering, Faculty of Science, was promoted to the rank of Professor, effective February 15, 2014.

Meltem Gürel, Assistant Professor in the Department of Architecture, Faculty of Art, Design and Architecture, was promoted to the rank of Associate Professor, effective January 7, 2014.



F. Ömer İlday, Assistant Professor in the Department of Physics, Faculty of Science, and the Department of Electrical and Electronics Engineering, Faculty of Engineering, was promoted to the rank of Associate Professor, effective January 7, 2014.

Ex Libris: News from the Library

This week, the Library will host two events. On **Tuesday**, we will hold another Librarianship Seminar, on “Kütüphane Kullanıcılarının Değişen Bilgi Arama Davranışları” (Changing Information-Seeking Behavior of Library Patrons). Speakers will include Prof. Fazlı Can (CS), Prof. Nazan Özenç Uçak (Hacettepe) and Gamze Albayrak and Pinar Yadigar, both from the National Library. The seminar will be in Turkish, and will start at **1:30 p.m.** in the Main Campus Library Art Gallery.

On **Wednesday, May 14**, we will hold the third and final Lunchtime Lecture for this academic year, with Assoc. Prof. Ulrike Salzner (CHEM)

delivering a talk entitled “Well-Done: On Chemistry and Cooking.” In her lecture, Dr. Salzner will examine the chemist’s perspective on everyday cooking, which forms the basis for her course CHEM 430 - Food Chemistry. Knowledge about food and procedures for cooking have a long tradition based on empiricism. Cookbooks were written and recipes were optimized long before details about the chemical composition of food were known. Until about a hundred years ago, chemistry also was an empirical science. Like food items in the kitchen, chemicals were processed in the lab and outcomes were recorded and organized. In this way the composition of many chemicals was determined, but their internal structure remained unknown. With the discovery of the electron at the end of the 19th century, a rapid sequence of experimental and theoretical insights elucidated first the structure of the atom, then the nature of the chemical bond, and finally the orientation of atoms in molecules. With modern instrumentation it is now possible to analyze the composition of

food items and to monitor changes during processing. These new insights help us to understand and improve recipes and enable modern societies to provide nutrition for a growing population and avoid food-borne diseases. Along with these

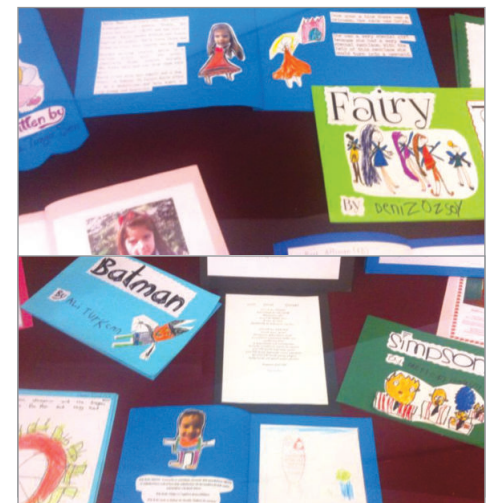
developments, widespread industrialization of food has occurred. The food industry has a vital interest in understanding food stability, taste perception, mouth-feel and, in particular, the changes that occur during storage of food. Governing bodies have the task of developing safety standards for food processing and ensuring that food additives do not harm consumers. In her presentation, Dr. Salzner will focus on three topics: chemical insights regarding the cooking of

meat; artificial sweeteners; and the safety of modern food additives. If you would like to hear this “tasty talk,” come to the Main Campus Library Art Gallery at **12:40 p.m.** on Wednesday. Lunchtime refreshments will be provided and chemically analyzed! The lecture will be in English.

One final note: Currently on display at the Main Library are books written and illustrated by five- and six-year-old kindergarten students at BLIS.



Begüm Konor (MAN)



TTO to Hold Session on TÜBİTAK Project Financial Issues

An information session on the topic of “TÜBİTAK ARDEB Project Financial Issues” will be held by the Bilkent Technology Transfer Office (TTO) in collaboration with TÜBİTAK on **Tuesday, May 13** from **1:40-4 p.m.**

The session will be of special interest to those who

- have a project idea but do not feel confident about preparing a budget for an ARDEB grant.
- have already managed an ARDEB project but are experiencing difficulties in completing a project financial application.
- do not have sufficient practical



experience regarding TÜBİTAK’s project reporting system.

The information session will focus on: budget items, including upper limits on such items; payments made in

connection with a project; eligible costs; and the project tracking system.

The session will be held in the FEASS A-130 Meeting Room, in Turkish. Those who are planning to attend may register at <http://FinancialArdeb.eventbrite.com>.

For more information, please contact Bilkent TTO: tto@bilkent.edu.tr.

Bilkent Helps in Search for Intelligent Alien Life

With the increase in the number of newly discovered exoplanets (planets outside the solar system), the hope of discovering alien life has increased as well. Since 1960, scientists and engineers from around the world have been searching the stars for any evidence of extraterrestrial intelligence. These activities, brought together under the designation SETI (Search for Extraterrestrial Intelligence), continue to this day. So far, no evidence has been found, but we must remember that only a small part of the sky has been explored. There remains a whole universe of unexplored territory out there for us to search.

This semester, the Bilkent University Astronomy Society began assisting the SETI project in its attempts to communicate with extraterrestrial intelligence. Members of the society participated in the search by lending their computers to



SETI@home, and just last week, despite poor weather conditions, members tried to send and receive signals to and from outer space (pictured above).

In order to hear the results of the Astronomy Society’s attempts as well as to learn more about SETI and its origins, everyone is invited to attend a presentation by the Society this **Thursday, May 15**, at FADA, FFB-06.

By Murat Alp Güngen (EEE/II)

NEWS

Law and Economics Conference Brings Together Leading Scholars



The Bilkent University Faculty of Law has organized the first International Law and Economics Conference to be held in Turkey. The conference took place April 25-26 at the Bilkent Hotel and Conference Center.

Sponsored by the Hukuk & Araştırma Law Office, the event brought together more than 200 participants, including world-renowned academicians and economists as well as young scholars and professionals from 13 countries.

The conference began with opening remarks by Prof. Osman Berat Gürzumar, dean of the Faculty of Law, and Prof. Abdullah Atalar, rector of Bilkent University.

Keynote and guest lectures were delivered by a number of distinguished scholars, including Prof. Robert D. Cooter (University of California, Berkeley, School of Law), Prof. William E. Kovacic (George Washington University Law School), Prof. Timur Kuran (Duke University Department of Economics), Assoc. Prof. David Levi-Faur (Hebrew University of Jerusalem

Department of Political Science), Prof. Stefan Voigt (director of the Institute of Law and Economics at Hamburg University) and Prof. Hans-Bernd Schäfer (Bucerius Law School in Hamburg).

The conference also featured 14 sessions during which the subject of law and economics was comprehensively discussed by leading academicians in this field, including Prof. Ariel Porat, Prof. Thomas Eger, Prof. Louis Visscher, Asst. Prof. Massimiliano Vatterio, Dr. Alexander J. Wulf, Dr. Allan D. Miller and Asst. Prof. Kerem Cem Sanlı.

"Young Scholar" awards were presented to Asst. Prof. Murat Mungan of the Florida State University College of Law and Asst. Prof. Firat Bilgel of the Okan University Department of Management.

The editor of the European Journal of Law and Economics, Prof. Jürgen Backhaus, was the guest of honor at the event. A special issue of the Journal will be devoted to selected papers presented at the conference.

Volleyball Teams Stay in First Division



The Bilkent men's and women's volleyball teams competed in the national Interuniversity 1st Division Championship Tournament, which took place April 30-May 4 in Eskişehir.

Throughout the tournament, both teams played challenging games against highly ranked opponents. At the conclusion of competition, both the men's and women's squads had succeeded in retaining their standing in the first division.

Volleyball Team Members Men

Mert Ege, Oğuzhan Denizli, Doğu Çıtlak, Serhan Sakarya, Kartal Can Erkoç, Serkut Şimşek, Ozan İğde, Burak Kanyılmaz, Kaan Sinanoğlu, Utku Özgür, Onat Kurt, Onuralp Manav

Women

Damla Tahıllıoğlu, Damla Şenol, Cansu Çatma, Hilal Karaca, Naz Cansu Baştaş, Zeynep Karaağaçoğlu, Elif Demir, Esin Güngör, Elçin Aktan, Ecehan Uludağ, Gizem Memiç, Başak Demir

Bilkent News Seeking Student Columnist

Bilkent News is looking for a student columnist for the fall semester. Student columnists write columns about life on campus, opinion pieces, or reviews. Columnists should be well informed and seek to generate discussion with humor, insight and sensitivity by writing in an authoritative but accessible manner.

Student columnists will be expected to:

- Be deadline-oriented and able to coordinate dates and deadlines with the editors
 - Keep abreast of campus activities, news events, etc.
- Set goals to improve journalistic skills and work diligently on improving writing
 - Have a strong command of English and the desire to constantly improve
 - Write with sensitivity and never employ hate speech
 - Write well-reasoned columns

If you are interested in writing for Bilkent News, please submit two writing samples to Hande Seçkin Onat (seckin@bilkent.edu.tr) as soon as possible.

Bilkent Squash Teams Return With Trophies

The Bilkent University men's and women's squash teams took part in the national Interuniversity

Championship Squash Tournament, held at Namık Kemal University in Tekirdağ on May 5 and 6. The tournament hosted 34 individual

players and 5 university teams.

After playing some difficult matches, the Bilkent men's team took first place and the Bilkent women third. In the individual competition category, Bilkent student Rukham Khan came in first among 19 participants from 7 universities. Congratulations to all team

members and especially to Rukham Khan, now the top-ranked university player in Turkey.

Squash Team Members Men

Rukham Masood Khan
Burak Karamete
Anıl Ünlü
Fatih Emre Ceylan

Women

Vildan Gözde Gündüz
Fatma Ece Demirel
Beyza Yazıcı



How Big Is Your Load? ARCH Students' Bridges Put to the Test

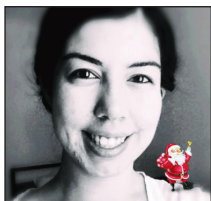


If you passed by the academic parking lot behind the FADA building last Thursday morning, you may have seen an interesting event held by the Department of Architecture. ARCH 231 - Statics and Strength of Materials students had been assigned a truss bridge project by their instructor, Aysu Berk, in which they were to design a bridge and build a 1:100 scale model. The model, crafted out of wooden strips, would be tested by its ability to carry an ever-increasing load in 2 kg unit increments. The aim was to design a bridge that was as light as possible but would carry a maximum load. All were invited to witness the testing on Thursday, during which the bridges built by student teams were

pushed to the breaking point.

The strongest bridge carried 122 kg. The model was designed by İrem Çeri, İris Gül and Pelin Sökmen, and weighed only 105 grams. A variety of designs were tested, all with different strengths and characteristics. Most designs carried more than their estimated ultimate capacities, so congratulations are due to all groups. Testing would seem to have been the most enjoyable part of the project, after the calculations it took to build the models. Nonetheless, it was clearly a nerve-racking process for each group to load their bridge and see how far it would hold up—and a little heartbreaking when it finally failed.

By Sena Kayasü (ARCH/II)



BY MELEK CANSU PETEK (ELIT/II)

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Restoration

Just to warn you before you jump to any conclusions based on the title, this piece is not about the Interregnum period in England and Charles II's restoration to the throne. If you have no idea what I'm talking about, you probably never studied British history or literature, and you're missing out. I strongly recommend grabbing a book and reading about that period—it's quite interesting—but for now, let's move on.

If you've survived my ever-sparkling, never-ending love for history, you deserve to know that I want to talk about restoration of our individual lives and how to claim back the things that were supposed to be our own to begin with. I have good reason to bring this topic up at this stage of my life. Turning 24 a few weeks ago and undergoing the annual "look back and see what you've done with one year of your

life" process, I realized that last year was my year of restoration. It was quite painful at times, but even the glimpses of what has been changing in my life are worth that pain.

In the last three months, I've been part of intense counseling with a group of amazing ladies, and we've helped each other, through and through, to look back at stories of our childhoods and discover how they affected who we are today and what we believe about ourselves. You know what they say, "Everyone has baggage," but we decided it was time to unload that baggage and unpack. Have you ever thought, "If only people knew about my past or what kind of a person I really am, they would all run away from me"? That was what was in my mind when we started this group, but to my surprise, it was the exact sentiment of every individual there. Apparently, we all have "secrets" that bring us down, that we hide behind to escape our freedom to be truly unique individuals. Does that sound familiar?

I won't sugarcoat the process: what we did was hard, sometimes so hard that I simply wanted to hide in my room for a year, without seeing anyone. The first time I shared my story of neglect, abuse, rejection and depression, I felt beaten. Being

exposed after so many years and shedding light on the darkest areas of my life woke up all the awful creatures sheltering in those dark places. As I was going home after that session, I was frightened, because experiencing such sorrow is painful—but slowly, my heart came back to life. The group was very gracious to me and breathed truth into my story: they told me that I wasn't to blame for every horrible bit of my life, they taught me how to be more compassionate toward that little girl. In time, the feeling of exposure started to fade away, and the feeling of being accepted for who I truly am took its place. I finally started to let go of the huge clunking chains I had kept carrying around with me, and I can't begin to tell you how unbelievably serene that sense of emotional freedom is.

The reason why we did this in a group setting instead of individual counseling sessions is pretty simple: hurts, heartbreaks and disappointments happen in relationships—and so does the healing. Of course, there is individual progress as well, but everyone needs that safe environment that welcomes you as you are, doesn't judge you for what has happened and/or what you have done in the past, and tells you that

you are a precious being who is worth more and deserves better. Isn't that amazing? Even the conflicts we experienced as a group were resolved in this atmosphere, open-heartedly, kindly and honestly. Seeing how deep relationships can actually be and that I can trust people and be vulnerable with them changed my whole perspective on life and human interactions. Even I, an absolute introvert who needs hours of alone time to recharge after spending a few hours with a group, was outgoing and responded wholeheartedly to the stories of others or expressed my disappointment when it came to that.

Am I a completely new person after only three months? The answer would be both yes and no. I'm renewed in the sense that it's easier to be myself and to put aside all the other "roles" I've been playing, but I know the journey does not stop here. I took the hardest step of all—I reclaimed my childhood and learned how to appreciate myself and trust others. I know there is a long way to go, many more steps to take, more heartbreaks to experience, many life-changing decisions to make—after all, I'm only 24—but I'm not afraid, and that makes all the difference.



BY ALPER ÖZKAN (MSN/PhDIII)

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Eight-Arm Innovation

All right, first things first: I have two announcements to make, one in shameless promotion of myself, and another in shameless promotion of my graduate institute. UNAM, you see, is hosting a showcase event on the 26th of this month, and among the planned activities is a nanoimaging competition—there's no theme in particular, so you can submit images of anything that's nanoscale, and since "nanoscale" is frequently stretched to mean anywhere from a few Planck lengths to a few centimeters, you can get pretty much anything you want into this contest. I'll be competing as well (look for the grotesquely misshapen insect head—that's a good way to find my entry), so feel free to visit the event and bask in the sheer glory of my scientific ineptitude—the winners will be decided by public vote, by the way, and while I'm not saying that you should all vote for me (although you should), I fully expect the support of any grotesquely misshapen insect head aficionados that might be among you.

The second announcement is that UNAM is accepting graduate students, and since UNAM is a cluster of over ten laboratories stacked on top of each other, there's a lot of good research going on in there. You also have free access to top-notch equipment from wildly different fields, which you can use, for example, to put grotesquely misshapen insect heads in an electron microscope and let it rip (do not try this at home, or anywhere else for that matter—also, in the event that our SEM should break down this week, I'd like to note that I am completely uninvolved, and that I will not be taking my contest images until after this column is published). So if you're interested in learning what this newfangled "nanoscience" contraption is all about, give UNAM's Nanoday event a spin, and while you're at it, you should come over to my poster and say "hello" as well.

In any case, I now notice that I've spent one-third of the column being overly verbose about something I could have said in two sentences ("There's a contest on the 26th, vote for me; UNAM is accepting graduate students, apply and become a graduate student), so I'll now get to the main course for this week—cephalopods.

Octopuses are probably the most familiar of these tentacled, brainy mollusks, and they are split neatly into two subgroups. Cirrate octopuses are deep-sea animals with conspicuous swimming fins, an internal shell and feathery strands that flank their suckers (if you've seen a dumbo octopus, that's a cirrate), while

incirrate octopuses are the classic variant, lacking cirrate features but featuring an ink sac in compensation. Notable among their number is the paper nautilus, *Argonauta*, which earns its name from the paper-thin shell that the females secrete to hide their eggs in—the mother also coils neatly within this cradle, which makes her look greatly like a nautilus in a flimsy shell. Another notable species is the blanket octopus, *Tremoctopus*, famed not only for the massive size difference between the sexes (the female can reach about two meters in length, while the male is barely a few centimeters), but also for the ability to seize the incredibly venomous tentacles of the Portuguese man-of-war and brandish them as a defensive weapon. This species receives its name from the membranous curtains that stretch between the arms of the female, which make her look too large to be an easy meal for most predators. The mimic octopus is a third curious octopus, and is something of an Internet celebrity, its ability to imitate just about every animal under the waves having earned it a healthy measure of respect from the World Wide Web.

Octopuses are notable for their eight arms, but they are not the only cephalopods to possess this trait: the vampire squid, despite its name, shares more with octopuses than with squid or cuttlefish, possessing eight arms and two feeble, filamentous organs instead of the full set of ten limbs that characterizes the latter two groups (unsurprisingly, the filaments

of the vampire squid do not correspond to the tentacles of true squid—the former are modified from the second set of arms, the latter from the fourth). Also, despite its rather intimidating name, this vampire is in fact quite a placid animal—the thin filaments allow it to feed without expending much in the way of energy, as their sticky surface passively gathers marine snow from the abyssal depths that the animal inhabits (active hunting is too energy-intensive for this lightless, oxygen-poor environment, and such a feeding regimen allows the lazy cephalopod to exploit the constant rain of organic detritus from the shallower parts of the ocean). Octopus squid (and here we go again with "The Last Airbender" chimeras) also possess eight arms, but are squid proper—their tentacles, while present during embryonic development, do not grow with the animal and remain as tiny stubs that eventually disappear as the squid matures.

On the squid side of things, there are abyssal anglers that dangle their sticky, flypaper-like tentacle tips just above the ocean floor to capture bottom-dwelling crustaceans; siphonophore mimics that swim perfectly perpendicularly to the water column and use flaps on their tails to look like colonies of dangerous, stinging hydrozoans; would-be aviators that flatten their arms and fins to glide through the skies; and deep-sea horrors that constantly watch for prey with one gigantic eye turned to the sky—but that's a topic for another column.



BY ALTUĞ KARAKURT (EE/II)

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Coffee Break With Conceptual Artist Buğra Karabey

This week my guest is Buğra Karabey, the most experimental and unique sound artist I have hosted so far. A Bilkent EEE alumni, he was a member of Tayga and Lychgate, one of the first thrash metal bands in Ankara, and is now active in Sound in a Cloud. He is also a cyberluthier (instrument maker), a cybersecurity expert, an academician and a Microsoft employee. His broad perspective and range of interests are reflected in his art.

My first interactions with him were at ATMM '12 and '13, where he presented two of his experimental works of sound art. As a sound enthusiast, I wanted to write about such a unique artist in my column and arranged an interview. This ended up being a very enjoyable, nearly two-hour-long chat, and in this column, I will share his philosophy, ideas and perspective on sound art.

But first of all, I would like to describe some of his works and try to give an idea of his artistic style. He defines most of his works as sound sculptures. A sound sculpture is anything with concrete presence that produces an audible work of art and at the same time can be touched or seen by the audience. This genre gives the audience the opportunity for an intersensory experience. They can

look at and feel the sculpture, and experience the process of producing the sound. In some of Karabey's works, this goes one step further: as the sound is produced instantaneously, the audience can relate the sound to the sculpture's nature and directly observe the composition technique.

My favorite among his works is "Dream(y) Soundscapes," which is pressed on vinyl and is probably one of the most precious items in my record collection. "Dream(y) Soundscapes" is based on recordings of his dream periods during sleep. Using certain engineering tools, which I cannot get into in such a short column, he maps this data to produce an audible output, shaped by his compositional preferences. The vinyl consists of two tracks:

"Munchesque," which was recorded during a paranoid, nightmarish dream, and "Thin Ice," which represents the pre-awakening period where Karabey switches back and forth between sleeping and semi-awakening. The artist thus involves his audience in his dreaming experience. It is fascinating to observe the direct relationship between emotion and brainwaves.

Karabey's newest project, "BandAnt," is an instantaneous sound sculpture, in which the audio output is generated by processing the image of an ant colony and mapping it in the MIDI environment. Here he focuses on swarm intelligence, the great connectivity among members of the colony. The harmony of the colony's collective motion is represented in Karabey's composition through his choice of MIDI representations.

In "Clash of Brainwaves," Karabey

personally and consciously participates in the data. He calls this work "a cybermusical duet between a plant and a human being," in which he simultaneously collects instantaneous data from his brainwaves and from changes in the bioelectrical potential of a plant, and combines, processes and maps this data using a computer. In this work, Karabey expands the limits of the human-plant relationship. He has an actual improvisational jam session with a plant, using electrical signals as musical instruments. The outcome of this work is astonishing. It points to the innumerable, continuous symphonies that we cannot perceive and are not aware of. For me, this work sets out the notion of sound art as free from human monopoly and the limitations of our perception.

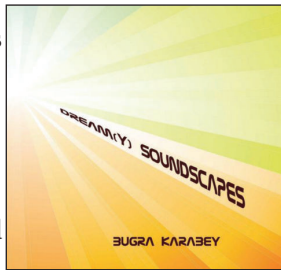
This brings me to Karabey's philosophy regarding sound art. First, I want to explain some concepts that he introduced me to. He states that the artistic notion behind his works is "idea as art" or "conceptual art," in which artists tend to focus on the expressive nature of art instead of the descriptive role it can play in reflecting the outer world, for instance in the descriptive and almost photographic visual art of the Renaissance. Since it is not limited by the outer world, the conceptual art movement is able to produce more abstract materials, which are used as a medium for expressing the artist's ideas or feelings. This notion can easily be observed in Karabey's works, as the main focus for his sound sculptures and soundscapes is experimentation and the idea that a work represents, rather than the sonic aesthetic of the outcome. In this sense, a conceptual artwork can be seen

as a window on the artist's inner world, instead of an aesthetic audio production that pleases the audience but lacks the personal involvement of the artist, as it is limited by the human understanding of harmony.

During our conversation, Karabey discussed many important and significant ideas, on subjects ranging from the philosophical background of sound art and conceptual art to the changes music has gone through as an art. Unfortunately, in such a short column, it is not possible for me to even mention many of them. So I want to focus on his "title," cyberluthier, and his observations on the evolution of the methodology of music creation as they relate to my series on the digital revolution. A luthier is a musical instrument maker, a craftsman; and according to Karabey, the luthier is one of the three figures involved in the process of music creation, along with the composer and the performer. A cyberluthier, however, assumes all of these roles. He is responsible for making the interface for creating sound—like a luthier—as in Karabey's system for collecting brainwaves; for making decisions about the sonic structure—like a composer—as in his choices on MIDI mapping for "BandAnt"; and for using this interface and these choices to produce the actual sound art—like a performer. The coming into being of the cyberluthier sets music creation free. It is possible for one person to create any type of sound art from scratch, dependent only on his personal choices, without external limitations.

I hope I have managed to reflect Karabey's inspirational ideas in such a short space.

See you next semester, with many more extraordinary musicians and recordings.



Faces on Campus

By M. Furkan Akıncı (LAW/IV), Hazal Koptagel (CS/IV) & Ömer Karaduman (ECON/IV)



Name: Oğuz Kaan Çetindağ (AMER/IV)

What's your favorite triple?

a) Movie: "Time to Love"

b) Book: "The Art of Loving" by Erich Fromm

c) Song: "Dertli Yoldaş" by Neşet Ertaş

Can you describe yourself in three words?

"Shy, exciting, melancholic"

If you could be anyone from the past, who would that be? "Malcolm X"

Who is your favorite cartoon character? "Snorlax in 'Pokeman'"

If you were a superhero, what super power(s) would you have?

"The ability to destroy capitalism"

The place on campus where I feel happiest is... "in front of A Building"

I have never... "seen smurfs"

What would be your last message on earth? "Don't be cruel"



Name: Ecem Pirlar (LAW/IV)

What's your favorite triple?

a) Movie: "The Intouchables"

b) Book: "Harry Potter and the Prisoner of Azkaban" by J. K. Rowling

c) Song: "Love Will Come Through" by Travis

Can you describe yourself in three words?

"Sleepy, nice, a tourist"

If you could be anyone from the past, who would that be? "Sandra Day O'Connor"

Who is your favorite cartoon character?

"Jerry in 'Tom and Jerry'"

If you were a superhero, what super power(s) would you have? "Time travel"

The place on campus where I feel happiest is... "the green area behind A Building"

I have never... "been to South America"

What would be your last message on earth? "Good luck!"



Name: Mehmet Akif Erdoğan (LAW/IV)

What's your favorite triple?

a) Movie: "Pursuit of Happiness"

b) Book: "Katre-i Matem" by Iskender Pala

c) Song: "Lady D'Arbanville" by Cat Stevens

Can you describe yourself in three words?

"Generous, energetic, friendly"

If you could be anyone from the past, who would that be? "Yavuz Sultan Selim"

Who is your favorite cartoon character? "Popeye"

If you were a superhero, what super power(s) would you have?

"Controlling time"

The place on campus where I feel happiest is... "B Building"

I have never... "fainted"

What would be your last message on earth? "Think before you talk"

“Sports As a Way of Life” Spring Run Results

On Saturday, May 10 at 11 a.m., nearly 140 Bilkenters of all ages—runners, joggers, and walkers—gathered in front of the East Campus Sports Hall for the annual Spring Run. After completing a short but challenging route, the runners finished the race at the Main Sports Hall. There, an awards ceremony took place and the winners received trophies. The top finishers were as follows:

Women’s Overall: Annelise

Hein

Men’s Overall: Forest Watson

Women 11 to 15:

1- Tatyana Pavlova

Men 11 to 15:

1- Daniel Margulis

Women 16 to 24:

1- Annelise Hein

2- Hatice Tekin

3- Ceren Özkaptan

Men 16 to 24:

1- Çağdaş Şendil

2- Jason de Zeeuw

3- Paşa Rahimof

Women 25 to 34:

1- Evgeniya Kovalska



Photographs by Aydın Ramazanoğlu

2- Hatice Mutlu

3- Marzieh Eslami Rasekh

Men 25 to 34:

1- Forest Watson

2- Bobby Devery

3- Gökhan Akçay

Women 35 to 44:

1- Louise Barry Constantini

2- Pınar Miller

3- Ayça Arslan Ergül

Men 35 to 44:

1- Çağrı İmamoğlu

Men 45 to 54:

1- Krassimir Konyarov

2- Tuncer Ağtürk

3- Levent Gürel

Men 55-59

1- Don Randall

Men 65 and over

1- Fikri Coşkunoglu

Guests-Women:

1- Derya Gümüsoğlu

2- Hande Yüksel

Guests-Men:

1- İsmail Karpuzcu

2- Yiğitcan Çalık

3- Ozan Kandilci

Children under 10: Jamie

Thornton, Marta Sladczyk,

Zeynep Su İmamoğlu, Ediz

Aksoy, Kerem Aksoy, Jonah

Wallbridge, Dominic

Wallbridge, Öge Sağlam,

Yağmur Işık, Feyza Kocabaş,

Eda Balci, Bahadır Kocabaş,

Özgür Şenbil



2014 Summer Sports Courses

Yoga

Dates: Until June 13

Hours: 12 a.m. - 1 p.m.

Fee: 45 TL

Place: Main Sports Hall

Aerobics / Step

Dates: May 13 - June 27

12 noon - 12:50 p.m.

Aerodynamics

Monday - Wednesday

Place: Main Sports Hall

Monday:

5:40 - 6:30 p.m. Zumba

Fitness

6:40 - 7:30 p.m. Pilates

Wednesday:

4:40 - 5:30 p.m. Zumba

Fitness

5:40 - 6:30 p.m. Pilates

Friday:

4:40 - 5:30 p.m. Zumba

Fitness

Place: Dormitories Sports

Hall

Fee: 50 TL

Aikido

Dates: May 12 - June 27

Fee: 50 TL

Tuesday & Friday:

5:30 - 7:30 p.m.

Tennis

Dates: May 12 - June 27

Fee: 80 TL

Monday:

3 - 5 p.m. (Beginner)

Tuesday:

11:30 a.m. - 1:30 p.m.

(Beginner)

1 - 3 p.m. (Intermediate)

Wednesday:

3 - 5 p.m. (Beginner)

8:30 - 10:30 p.m.

(Intermediate)

Thursday:

1:30 - 3:30 p.m. (Beginner)

Saturday:

10:30 a.m. - 12:30 p.m.

(Beginner)

12:30 - 3:30 p.m.

(Intermediate)

Sunday:

4 - 6 p.m. (Intermediate)

6 - 8 p.m. (Advanced)

Fee: 80 TL

For More Information:

Sports Center ext. 1325

spor@bilkent.edu.tr

Bilkent Dominates Angora Cup

Photograph by Aydın Ramazanoğlu



The 12th Angora Cup Interuniversity Sports Festival, organized by the Physical Education and Sports Center, took place last week from May 8 to 11.

Approximately 470 students from universities and schools including Atılım, Ankara, Başkent, Bilkent, Gazi, METU, the Police Academy, TOBB ETU, Turgut Özal and the Turkish Volleyball Federation High School participated in the event.

The students competed either as individuals or on teams to win cups and awards in badminton, football, table tennis, tennis and volleyball.

After four days of matches, Bilkent's teams once again emerged as the tournament winners. The teams and individuals at the top of the standings in

each sport are listed below.

Badminton

1- Bilkent University

2- Gazi University

3- Police Academy

4- METU

Women (Individual)

1- Chi-en Li (Bilkent)

2- Songül Aki (Police Academy)

3- Büşra Eruh (Police Academy)

4- Elif Asar (Bilkent)

Men (Individual)

1- Serhat Cavuldak (Gazi)

2- Görkem Demircan (Police Academy)

3- Barış Özdemir (Bilkent)

4- Mete Can Özçörekçi (Bilkent)

Football

1- Ankara University

2- METU

3- Başkent University

4- Bilkent University

Table Tennis

Women

1- METU

2- Bilkent University

Men

1- METU

2- Bilkent University (A)

3- Bilkent University (B)

4- Başkent University

Women (Individual)

1- Özlem Sever (METU)

2- Kübra Erarslan (Bilkent)

3- Bihter Sevinç (Bilkent)

4- Elif Ertürk (METU)

Men (Individual)

1- Efkân Evkuran (METU)

2- Serdar Olkun (Bilkent)

3- Oğuzhan Yörük (Bilkent)

4- Arın Doruk Çelikel (Bilkent)

Tennis

Women

1- METU

2- Bilkent

3- Atılım University

4- Gazi University

Men

1- Gazi University

2- Bilkent University

3- METU

4- Turgut Özal University

Volleyball

Women

1- Bilkent University

2- Atılım University

3- Başkent University

4- TVF Spor High School

Men

1- Bilkent University

2- TOBB ETU

3- Başkent University

4- Atılım University

Bilkent CALENDAR



Photograph by M. Furkan Akinci (LAW/IV)

CONFERENCES

Wednesday, May 14

"The American 'Relocation' of 1915 and the Question of 'Military Necessity,'" by Vis. Assoc. Prof. Jeremy Salt (Bilkent University), at FEASS, A-130, **12:30 p.m.** Organized by POLS.

Wednesday, May 14

"Human Resources," by Zeynep Kuleyin (İnditex Türkiye Eğitim Müdürü), at R-Building, Banquet Room, RC-202, **1:40 p.m.** Organized by the Career Center.

Wednesday, May 14

"ITER and Nuclear Fusion: An Energy Source for the Future," by Axel Winter (ITER), at EE-01, **3:40 p.m.** Organized by PHYS.

WORKSHOPS

Thursday, May 15

"Applying for Research Grants: Research Funding, Research

Grant Applications and Postdocs," by Assoc. Prof. Selin Sayek Böke (Bilkent University), at FEASS, A-130, **12:30 p.m.** Organized by FEASS.

EXHIBITIONS

Thursday, May 15

"ME-384 Mechatronics Projects," at the fountain area in front of FS, **1:30 p.m.** Organized by ME.

Tuesday, May 20

"ME-482 Final Project Exhibition," at EE-411, **2:30 p.m.** Organized by BİLMECH.

INFORMATION SESSIONS

Tuesday, May 13

"TÜBİTAK ARDEB Project Financial Issues for," at FEASS, A-130, **1:40 p.m.** Organized by the Bilkent Technology Transfer Office in collaboration with TÜBİTAK.

SEMINARS

Wednesday, May 14

"Resale in Second-Price Auctions with Costly Participation," by Tahir Okan Yılankaya (Koç University), at FEASS, A-228, **2 p.m.** Organized by ECON.

LECTURES

Wednesday, May 14

"Well-Done: On Chemistry and Cooking," by Assoc. Prof. Ulrike Salzner (Bilkent University), at the Library Art Gallery, **12:40 p.m.** Organized by the Library.

CONCERTS

Wednesday, May 14

Duo Carmesi
Piano: Nurlan Bağirov, Çiğdem Çilesiz, at the Bilkent Concert Hall, **8 p.m.**

Saturday, May 17

Bilkent Symphony Orchestra, Youth Concert, Commemoration of Atatürk, Youth and Sports Day, Conductor: Artun Hoinic, at the Bilkent Concert Hall, **8 p.m.**

Looking for an Interviewer to Do "Faces on Campus"

Enjoy meeting people and getting some fresh air? We're looking for a photographer and friendly interviewer in one to do the "Faces on Campus" feature.

For more information on this position, and to get an application form, please stop by the Communications Unit in the Engineering Building, Main Campus, Room G-22, or call **ext. 1487**.

You can also send an email to: **seckin@bilkent.edu.tr**

Homecoming Weekend May 17-18

The annual Homecoming Weekend organized by the Bilkent University Alumni Center will be held on **May 17 and 18** this year. The festivities start on Saturday evening, with a party on the theme "70s to 90s Saturday Night Fever." Radio Bilkent DJs will provide the music for the event, which will take place in the East Campus fair area beginning at **7:30 p.m.** Sunday is the day for the traditional Alumni Picnic, which will start at **1 p.m.** in the Spring Fest area. The picnic will include shows, games and sporting events, all accompanied by a Radio Bilkent broadcast.

Mechatronics Project Competition

Mechanical Engineering students will exhibit their ME-384 Mechatronics projects on Thursday and Friday evenings this week. The exhibit and competition will take place in the fountain area in front of the Faculty of Science.

The project involves the design and construction of an RC (radio-controlled) boat with an autonomous Nerf gun turret for detecting and shooting targets placed around the fountain. The project competition will start with solo demonstrations at **6 p.m.** on **Thursday, May 15**. Qualification battles will take place on **Friday, May 16**, starting at **6 p.m.** The Twitter account (giving team lists, weather updates, etc.) for the project competition is: BilMech384.

Psychology Senior Thesis Presentations

The Department of Psychology invites all who are interested to attend its annual senior thesis presentation day, to take place on **Friday, May 16** from **9 a.m. to 4:30 p.m.** in A Building, Room 130. In the morning (9 a.m.-12 noon), some students will give short oral presentations. In the afternoon (1:30-4:30 p.m.), all students will give poster sessions, in which they will talk about their senior projects.

Classifieds

Time-share apartment in Akçabük Tatil Köyü, Bodrum Turgutreis available to rent for the period August 2-16. (60 sq. m. apartment with one bedroom, living room with kitchen corner, bathroom and balcony. 1750TL) Please e-mail **rodoplu@bilkent.edu.tr** or call **(532) 326 52 02**.

See You Next Year!

To Bilkent News Readers,

As we come to the end of another semester, it's once again time to say good-bye until next year. We would like to take this opportunity to thank all of our readers for their support and contributions throughout the past academic year.

Also many thanks to our student contributors for their hard work, diligent reporting and insightful writing. Bilkent News wishes all graduating students much success in the future!

The special Graduation Issue of Bilkent News will come out on **Saturday, June 14**.

Once again, many thanks to all, and have a wonderful summer!

The Bilkent News Editorial Board